

REMARKS

Claims 5, 6 and 12-15 are pending in this application. By this Amendment, claim 5 is amended, and claims 14 and 15 have been added. No new matter is added.

I. Information Disclosure Statement

The Examiner is requested to consider the references submitted with the October 29, 2007 Office Action and to return to Applicants a copy of the October 29, 2007 PTO-1449 Form with the references initialed as considered.

II. The Claims Are Patentable over the Applied References

The Office Action rejects claims 5, 6 and 12-13 under 35 U.S.C. §103(a) over U.S. Patent No. 6,801,220 to Greier et al. (Greier) in view of U.S. Patent No. 5,886,682 to Biggs. Applicants respectfully traverse the rejection.

By this Amendment, claim 5 is amended to recite (1) a resolution conversion device that converts original image data for single pixels ... into data for first through fourth pixels; and (2) a viewing angle range adjustment device that sets gray scale values within pixel groups, each pixel group consisting of first through fourth pixels corresponding to a same, single, input image pixel. The applied references fail to disclose these features.

The applied references fail to disclose feature (1) above because Biggs, cited as disclosing the resolution conversion device, discloses only changing the resolution of images to non-integer multiples of the original image, not changing the resolution of an input image such that one pixel is converted to first through fourth pixels (for example, a doubling of the horizontal and vertical resolutions) as claimed.

The applied references fail to disclose feature (2) above because Greier, cited as disclosing the adjustment of gray scale values, fails to disclose that the gray scale values are adjusted for pixel groups that consist of the pixels corresponding to a same, single input pixel. For the foregoing reasons, Applicants request withdrawal of the rejection.

III. New Claims

New independent claim 14 is patentable over the applied references because the applied references fail to disclose or suggest "a resolution conversion device that converts original image data received by the image display device, the resolution conversion device converting each image pixel of the original image data into first, second, third, and fourth image pixels of resolution-converted image data" and "a viewing angle range adjustment device that adjusts grayscale values within groups of image pixels of the resolution-converted image data, each group of image pixels consisting of the first, second, third, and fourth pixels that correspond to a same image pixel of the original image data", as discussed above. Biggs and Greier, as discussed above, do not cure these deficiencies. Thus, new claims 14-15 are patentable over the applied references.

IV. Conclusion

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of the claims are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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